

INTRAFIND



iFinder5 elastic Confluence Connector if-app-confluence

For Version: 6.8 bis 6.13

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Table of Content

1	Description	4
2	Installation.....	4
3	Licensing	4
4	Configuration	5
4.1	Configuration settings	6
4.2	Indexing of user read permissions.....	7
5	Initial Indexing	8
6	Logging	9
7	Integration into iFinder 5	9

1 Description

The App IntraFind Confluence Connector is used to index the Wiki- Software Confluence by Atlassian. The app allows indexing of all Confluence content type like spaces, pages, blog posts, comments as well as attachments including their access rights for later full text search through the iFinder. The app is implemented with the Atlassian Plugin SDK.

Creating, updating and deleting Confluence content is handled automatically by the app. When a Confluence user creates, updates or deletes a section or page, it is detected. The index is updated accordingly. Changes to read-only restrictions are also detected automatically.

2 Installation

Prerequisites

- Active iFinder installation
- Atlassian Confluence versions 6.5.0 - 6.13
- Administrator access to Confluence
- The app is available in Atlassian Marketplace.

Downloading and installing in Confluence

1. In Confluence, click **Atlassian Marketplace > Finding apps**.
2. Search for **IntraFind**.
3. To install the app, click on **Install**.

From Atlassian Marketplace

1. Open Atlassian Marketplace (<https://marketplace.atlassian.com>).
2. Search for **iFinder5 elastic Confluence Connector**.
3. Click on **Get it now**.

3 Licensing

The Confluence Connector requires a license.

Providing license on Windows

1. Copy the license to a directory on the server, on which Confluence is installed, for example `C:\Intrafind\license`.
2. On the Confluence server, define the system variable INTRAFIND_LICENSE with the path to the license file.
3. Restart Confluence.

Providing license on Linux

Copy the license to for example `/opt/confluence/home/intrafind.lic`.

At the end of `/opt/confluence/install/bin/setenv.sh` add the following:

```
CATALINA_OPTS="-
DINTRAFIND_LICENSE=/opt/confluence/home/intrafind.lic
${CATALINA_OPTS}"
```

4 Configuration

Before you start indexing, configure the connector under **Administration > Manage Apps > IntraFind's Confluence Connector > Configure**.

Connector ID	<input type="text" value="confluence"/>
Index name	<input type="text" value="Confluence"/>
Index Service	<input type="text" value="http://ml-if-monster:9605/hessian/index"/>
Converter Service	<input type="text" value="http://ml-if-monster:9602/hessian/converter"/>
Excluding filename regexes	<input type="text"/> <small>(list of regexes) separated by a semicolon</small>
Spaces to index	<input type="text"/> <small>(whitelist of space names) separated by a semicolon</small>
Excluding spaces	<input type="text"/> <small>(blacklist of space names) separated by a semicolon. If a blacklist is defined, whitelist is ignored!</small>
World readable permission group	<input type="text" value="S-1-1-0"/>
Tenant	<input type="text" value="public"/>

Confluence content types which should be indexed or not (true or false)

Spaces	<input type="text" value="true"/>
Pages	<input type="text" value="true"/>
Attachments	<input type="text" value="true"/>
Blog Posts	<input type="text" value="true"/>
Comments	<input type="text" value="true"/>
Personal Infos	<input type="text" value="true"/>
Archived Spaces	<input type="text" value="true"/>

To activate the configuration changes, full reindexing is required.

4.1 Configuration settings

Table 1: Field description

Field	Description	Values
Connector ID	Unique ID for the connector	confluence
Index name	Search scope at which the data is displayed in iFinder5 elastic.	Confluence
Index service	URL at which the index service is accessible.	http://localhost:9605/hessian/index
Search service	URL at which search service is accessible.	http://localhost:9605/hessian/search
Converter service	URL at which converter service is accessible.	http://localhost:9602/hessian/converter
Converter service timeout	Timeout for the converter service	30
Converter service maximum field length	Maximum length in characters of attachments that are sent to the converter. Longer attachments are cut off.	524288
Excluded attached files	<p>Regular expression for attached files that should not be indexed. If a file name of an attachment complies with one of the regular expressions, this attachment is excluded from indexing.</p> <p>Multiple regular expressions may be configured, separated by semicolon.</p> <p>Example: Attachments with the file extensions .png and .jpg and the file do_not_index.txt .+\.(png jpg);do_not_index.txt</p>	
Spaces to index	A comma separated list of space to be indexed.	
Excluded spaces	A comma separated list of spaces that are excluded from indexing. If a blacklist is defined, the defined whitelist is ignored completely.	
World readable permission group	General user group in which all users are. See 4.2 Indexing of user read permissions.	S-1-1-0
Tenant	The iFinder5 elastic supports multi tenancy. Tenants are an additional option to authorize content by logically dividing the index. If no specific tenant is to be used, the default value public should be defined here.	public

Field	Description	Values
Confluence content types which should be indexed (true or false)	You can exclude Confluence content types from indexing. For the types that you want to index, enter true . For the others enter false . The field must not be empty.	
Spaces	Spaces	true/false
Pages	Pages	true/false
Attachments	Attachments	true/false
Blog posts	Blog posts	true/false
Comments	Comments	true/false
Personal info	Personal info	true/false
Archived spaces	Enter true if you also want to index archived spaces. The resulting documents are marked with a special value in the field _str.status or _facet.status (ARCHIVED or CURRENT).	true/false

4.2 Indexing of user read permissions

Read permissions for pages and spaces

For representing the read permissions on Confluence content in the index, the permission for spaces and pages including the respective content is indexed:

1. Spaces: If read permissions are defined for a space (using the Space administration), these permissions are written to the index together with the index document for the space. If not, the index document will contain a general user group, which is defined through the configuration (field **World readable permission group**, for instance S-1-1-0).
2. Pages: If read permissions are defined for a page, these permissions are written to the index together with the index document for the page. If not, the index document will use the (inherited) permissions for the respective space.

Note: If for a page no permissions are defined, this page will inherit the permissions from the page, it is contained in (if at all).

3. Anonymously accessible Confluence space: If a space is anonymously accessible, users can access it without logging in. Anonymous access must be activated globally and activated explicitly for a space. If a Confluence page is within an anonymously accessible space and access to this page is not explicitly limited, the index document will contain a general user group, which is defined through the configuration (field **World readable permission group**, for instance S-1-1-0).

Caution: The global setting (**General Confluence Configuration > Global Permissions > Anonymous Access**), which enables anonymous access is not covered by the Event Listener. This means, if changed, you have to re-index the Confluence content.

5 Initial Indexing

After the app is configured, you can index the Confluence contents.

Warning: Initial indexing or re-indexing of the complete content can significantly affect the performance of your instance; for larger instances, the process can take hours.

Indexing Confluence content:

1. **Administration > Content Indexing > Search Index**
2. Click on **Create New**.

All selected content types are crawled and indexed into the iFinder fulltext index.

CONFIGURATION

- General Configuration
- Further Configuration
- Backup Administration
- Manage Referrers
- Languages
- Shortcut Links
- External Gadgets
- Global Templates and Blueprints
- Import Templates
- Recommended Updates Email

Search Indexes

[Search Indexes](#) [Queue Contents](#)

Search Index

The search index allows searching of Confluence content. If you are having troubles with search, you may need to rebuild the search index. Please note, rebuilding the search index can severely affect the performance of your instance - it can take hours for some large instances.

100% (Elapsed Time: 00:00:36)

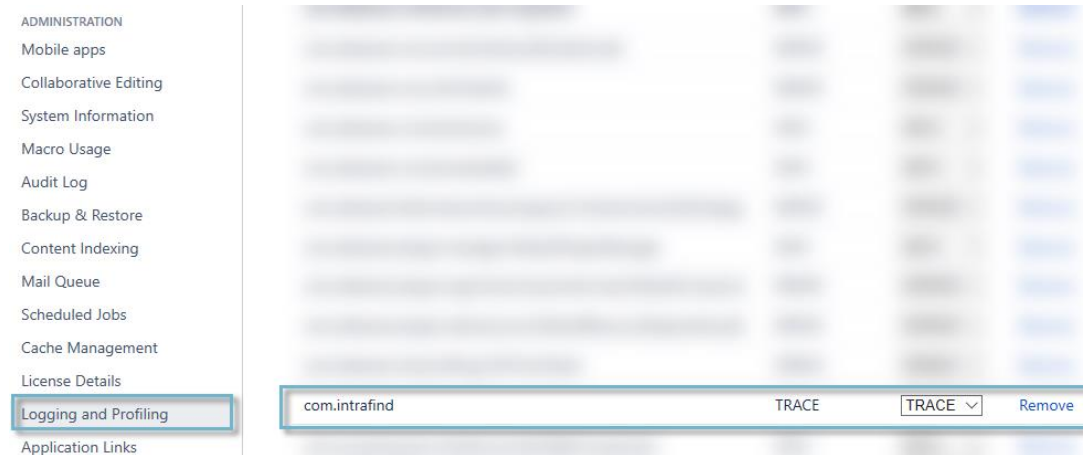
Rebuild

6 Logging

Configure how logs are created.

1. In Confluence: **Administration > Logging and Profiling**.

Default location is *atlassian-confluence.log*.



2. In the *log4j.properties* file, in the directory *<Installationsverzeichnis>\confluence\WEB-INF\classes*, change the log level.

```
log4j.appender.confluencelog.Threshold=TRACE
```

7 Integration into iFinder 5

After indexing, the Confluence contents are available in the index and by this available for search with iFinder or Searchbar.

In the Admin Tool, the following settings are relevant:

- With the default settings, the contents are available with the default search profile.
- You can also create your own filter query for Confluence and add it to a separate search profile for Confluence.
- If the Confluence content are assigned to a specific tenant, you must assign this tenant to the users and groups that are allowed to access it.